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| Form PTO-1449 DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE  |  |  |  | SERIAL NO.<br>10/677Unknown        | ATTY DOCKET NO.<br>P1500D1R.D1 |
| INFORMATION DISCLOSURE CITATION<br>(USE SEVERAL SHEETS IF NECESSARY) |  |  |  | APPLICANT(S)<br>,165               | Youichi Imamura                |
| PAGE 1 OF 2  |  |  |  | FILING DATE<br>10/1/03<br>Herewith | GROUP 2629<br>Not Yet Assigned |

U.S. PATENT DOCUMENTS

| E.I.    | DOCUMENT NUMBER | DATE     | NAME             | CLASS | SUBCLASS | FILING DATE |
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| /HT/ AA | 4,453,208       | 6/5/84   | Middleton et al. |       |          |             |
| /HT/ AB | 4,674,031       | 6/16/87  | Siska, Jr.       |       |          |             |
| /HT/ AC | 4,748,444       | 5/31/88  | Arai             |       |          |             |
| /HT/ AD | 4,855,892       | 8/8/89   | Lower            |       |          |             |
| /HT/ AE | 5,155,613       | 10/13/92 | Sakayori         |       |          |             |
| /HT/ AF | 5,592,191       | 1/7/97   | Tsuboyama et al. |       |          |             |
| /HT/ AG | 5,710,929       | 1/20/98  | Fung             |       |          |             |
| /HT/ AH | 5,629,715       | 5/13/97  | Zenda            |       |          |             |
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| /HT/ AJ | 4,314,245       | 2/2/82   | Wilbur, Jr.      |       |          |             |
| /HT/ AK | 4,541,066       | 9/10/85  | Lewandowski      |       |          |             |

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| E.I.    | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
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| /HT/ AL | 0 162 969       | 12/04/85 | EP      |       |          | Yes         |
| /HT/ AM | 0 326 158       | 8/02/89  | EP      |       |          | Yes         |
| /HT/ AN | 0 419 910       | 04/03/91 | EP      |       |          | Yes         |
| /HT/ AO | 52 128178       | 10/27/77 | Japan   |       |          | Abstract    |
| /HT/ AP | 61-50195 /      | 3/12/86  | Japan   |       |          | Abstract    |
| /HT/ AQ | 49 97593        | 9/14/74  | Japan   |       |          | No          |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

|          |   |
|----------|---|
| /HT/ AR  | Proceeding of the SID. Vol. 30 (1989) No. 2, New York, "Peripheral Circuit Integrated Poly-Si TFT LCD With Gray Scale Representation, Jun-ichi Ohwada, et al., pp. 131-136. |
| AS       |   |
| AT       |   |
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|   |  |  | APPLICANT(S)<br>Youichi Imamura |                                |  |
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U.S. PATENT DOCUMENTS

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| /HT/ | AA1             | 4,687,956 | 8/18/87  | Itoh et al.    |       |              |                |
| /HT/ | AB1             | 4,758,896 | 7/19/88  | Ito            |       |              |                |
| /HT/ | AC1             | 4,922,448 | 5/1/90   | Kunieda et al. |       |              |                |
| /HT/ | AD1             | 4,931,791 | 6/5/90   | Mallard, Jr.   |       |              |                |
| /HT/ | AE1             | 3,947,811 | 3/30/76  | Hodgson        |       |              |                |
| /HT/ | AF1             | 5,077,553 | 12/31/91 | Buzak          |       |              |                |
| /HT/ | AG1             | 5,155,477 | 10/13/92 | Shirochi       |       |              |                |
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|      | AI1             |           |          |                |       |              |                |
|      | AJ1             |           |          |                |       |              |                |
|      | AK1             |           |          |                |       |              |                |

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|------|-----------------|-----------|-------------------|---------|-------|----------|-------------|
| /HT/ | AL1             | 58-123118 | 7/22/83           | Japan   |       |          | Abstract    |
| /HT/ | AM1             | 52-100997 | 8/24/77           | Japan   |       |          | Abstract    |
| /HT/ | AN1             | 55-117190 | 9/9/80            | Japan   |       |          | No          |
| /HT/ | AO1             | 03-202812 | September 4, 1991 | Japan   |       |          | Yes         |
| /HT/ | AP1             | 03-153294 | July 1, 1991      | Japan   |       |          | Yes         |
|      | AQ1             |           |                   |         |       |          |             |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

|          |              |                               |
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|          | AR1          |                               |
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